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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,170	07/15/2003	Timothy G. Nye	3014.1001-001	9489
21005	7590	07/14/2006	EXAMINER	
HAMILTON, BROOK, SMITH & REYNOLDS, P.C. 530 VIRGINIA ROAD P.O. BOX 9133 CONCORD, MA 01742-9133			WOO, ISAAC M	
			ART UNIT	PAPER NUMBER
			2166	

DATE MAILED: 07/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/620,170

Applicant(s)

NYE, TIMOTHY G.

Examiner

Isaac M. Woo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 14, 16-20, 57-58, 60, 65 and 78-92 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This action is in response to Amendments, filed on May 02, 2006 has been considered but are deemed moot because of Restrictions Request below.
2. Claims 14, 16-20, 57-58, 60, 65 and 78-92 are pending.

### ***Election/Restrictions***

3. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even through the requirement be traversed (37 CFR 1.143). Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 14, 16-20, 57-58, 60, 65 and 78-90, drawn to computer implemented method for receiving a geographically based query specifying a desired geographic location and a keyword at a query interface, searching a searchable index of content to identify electronic documents having URL addresses that match the desired geographic location and the keyword, searching the collection of geographically an authenticated URL addresses to identify URL addresses of electronic documents that match the desired geographic location, comparing the search results from the searchable index with the search results from the

collection of geographically authenticated URL addresses to identify an authenticated set of URL addresses of the electronic documents which match the desired geographic location and the specified keyword and returning the authenticated set of URL addresses of the electronic documents which match the desired geographic location and the specified keyword, which is querying and searching URL addresses, classified in class 707, subclass 3.

- II. Claim 91, drawn to a computer implemented method for in response to the search engine providing query results, comparing the query results from the search engine with the verified URL addresses from the database that correspond to the geographic term, and updating the query results from the search engine to identify which URL addresses in the search results correspond to the verified URL addresses from the database, which is updating and refining searching, classified in class 707, subclass 5.
- III. Claim 92, drawn to a method for creating a searchable index using content from electronic documents having geographically verified URL addresses that are associated with a geographic location verified by a mechanism other than the content of the electronic document, which is creating data index (generating data structure) for searching, classified in class 707, subclass 102.

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4. The inventions are distinct, each from the other because of the following reasons:

Inventions I, II and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instance case, invention I can be used for receiving a geographically based query specifying a desired geographic location and a keyword at a query interface, searching a searchable index of content to identify electronic documents having URL addresses that match the desired geographic location and the keyword, searching the collection of geographically an authenticated URL addresses to identify URL addresses of electronic documents that match the desired geographic location, comparing the search results from the searchable index with the search results from the collection of geographically authenticated URL addresses to identify an authenticated set of URL addresses of the electronic documents which match the desired geographic location and the specified keyword and returning the authenticated set of URL addresses of the electronic documents which match the desired geographic location and the specified keyword, which is querying and searching URL addresses. Invention II can be used for in response to the search engine providing query results, comparing the query results from the search engine with the verified URL addresses from the database that correspond to the geographic term, and updating the query results from the search engine to identify which URL addresses in the search results correspond to the verified URL addresses from the database, which is updating and refining searching. Invention III can be used for creating a searchable index using content from electronic documents having geographically verified URL addresses that

are associated with a geographic location verified by a mechanism other than the content of the electronic document, which is creating data index (generating data structure) for searching. See MPEP 806.05(d).

5. Because these inventions are distinct for reasons given above and have acquired separate status in the art as shown their different classification, restriction for examination purpose as indicated is proper.

6. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II and III each other, restriction for examination purposes as indicated is proper.

7. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

8. Applicants are advised that the reply to this requirement to be complete must include an election of the invention to be examined even through the requirement be traversed (37 CFR 1.143).

9. Applicants is reminded that upon the cancellation of claims to be non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48 (b) if one

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or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48 (b) and by the fee required under 37 CFR 1.17 (i).

***Conclusion***

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M. Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Isaac Woo  
July 6, 2006